

## Errata List

**Student:** Mariana de Oliveira Mendes

**Master:** Biopharmaceutical Sciences

**Title of the Thesis:** “Neuroprotective effects of TUDCA in Parkinson's disease: Dissecting the anti-oxidant and anti-inflammatory effects of this bile acid in the mouse cerebral cortex”

**Supervisors:** Margarida Castro-Caldas, PhD, Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa and Maria João Gama, PhD Faculdade de Farmácia, Universidade de Lisboa

**Year:** 2016/2017

Page	Read	Should Read
27/ Subtitle;	“2.1 Animal treatments”	“2.1 Animal treatments and sample preparation”
28/ After the last paragraph;		<p>“After treatments mice were decapitated, after being anesthetized with sodium pentobarbital (50 mg/Kg, i.p.), and the cerebral cortex was isolated at the level of the nigrostriatal axis (Bregma –3.20 to 1.00). Cortex region samples were then stored at -80°C until needed.</p> <p>Mice cortex fragments were homogenized in cold PBS supplemented with Complete Mini Protease Inhibitor Cocktail, using a tissue grinder and centrifuged at 3.000 r.p.m. for 10 min, at 4°C. Pellets were then suspended in lysis buffer (20 mM Tris-HCl (pH 7.5), 150mM NaCl, 1mM Na2EDTA, 1mM EGTA, 1% Triton, 2.5mM sodium pyrophosphate, 1mM <math>\beta</math>-glycerophosphate, 1mM Na3VO4, 1<math>\mu</math>g/ml leupeptin) supplemented with Complete Mini Protease Inhibitor Cocktail, 200mM Na3VO4 and 1M NaF, and incubated on ice for 30 min. After sonication, in the Ultrasonic Processor UP100H (Hielscher-Ultrasound Technology, Teltow, Germany), six times for 5 sec each, on ice, samples were centrifuged</p>

		at 13000 rpm for 15 min, at 4°C. Supernatants were collected and frozen at -80°C. Total Protein concentration was determined by the Bradford method (Bradford, 1976), using Bio-Rad's Protein Assay Reagent."
32/ First, second and third paragraphs;	"Mice were decapitated (...) using Bio-Rad's Protein Assay Reagent."	This text was deleted, so first paragraph of the page 32 should be: "Protein extracts from both animal and cell treatments were added (5:1) loading buffer (...)"
41/ Figure III.3 legend title;	"(...) related preteins parkin (...)"	"(...) related proteins parkin (...)"
43/ Subtitle;	"3.1 TUDCA decreases reactive astrogliosis marker in C57BL/6 (...)"	"3.1 TUDCA decreases reactive gliosis markers in C57BL/6 (...)"
45/ Figure III.5 legend, line 11;	"(...) of area occupied by Iba-1 positive cells, (...)"	"(...) of area occupied by GFAP positive cells, (...)"